

**WHAT IS CLAIMED IS:**

1           1.     A cable connector assembly for receiving a shielded cable assembly,  
2 comprising:  
3           a conductive connector shield; and  
4           an impedance operable to couple the connector shield to a shield of the  
5 shielded cable assembly.

1           2.     The assembly of claim 1, wherein the impedance comprises a  
2 capacitance.

1           3.     The assembly of claim 2, further comprising a conductive element  
2 operable to be coupled to the cable assembly shield; and  
3           wherein the capacitance is formed from the connector shield and the  
4 conductive element.

1           4.     The assembly of claim 2, wherein the capacitance comprises a  
2 capacitor having first and second terminals, the first capacitor terminal electrically  
3 coupled to the connector shield, the second capacitor terminal operable to be  
4 electrically coupled to the cable assembly shield.

1           5.     The assembly of claim 1, wherein the impedance comprises a  
2 resistance.

1           6.     The assembly of claim 5, wherein the resistance comprises a resistor  
2 having first and second terminals, the first resistor terminal electrically coupled to the  
3 connector shield, the second resistor terminal operable to be electrically coupled to  
4 the cable assembly shield.

1           7.     The assembly of claim 1, wherein the connector shield is positioned  
2 such that the connector shield does not contact the cable assembly shield when the  
3 cable assembly is received by the connector assembly.

1           8.     A network connection device, comprising:  
2           a shielded cable assembly;

3 a shielded connector assembly receiving the cable assembly, the connector  
4 assembly shield positioned to prevent contact between the connector assembly  
5 shield and a shield of the cable assembly, the connector assembly comprising:

6 a capacitor having first and second terminals, the first capacitor terminal  
7 contacting the connector assembly shield, the second capacitor terminal electrically  
8 coupled to the cable assembly shield; and

9 a resistor having first and second terminals, the first resistor terminal  
10 contacting the connector assembly shield, the second resistor terminal electrically  
11 coupled to the cable assembly shield.

1 9. An electronic system, comprising:

2 a device; and

3 a signal-transmission medium coupled to the device, the medium comprising:

4 a shielded cable assembly;

5 a shielded connector assembly receiving the cable assembly, the  
6 connector assembly shield positioned to prevent contact between the connector  
7 assembly shield and a shield of the cable assembly, the connector assembly  
8 comprising:

9 a capacitor having first and second capacitor terminals, the first  
10 capacitor terminal contacting the connector assembly shield, the second capacitor  
11 terminal electrically coupled to the cable assembly shield; and

12 a resistor having first and second resistor terminals, the first  
13 resistor terminal contacting the connector assembly shield, the second resistor  
14 terminal electrically coupled to the cable assembly shield.

1 10. The system of claim 9, wherein the device comprises a processor.

1 11. The system of claim 10, wherein the device is a computer.

1 12. A method of constructing a cable connector assembly having a body,  
2 the connector assembly for coupling to a cable assembly having a cable shield, the  
3 method comprising:

4 electrically coupling a conductive connector shield to the body;

5 electrically coupling a first terminal of a capacitor to the connector shield, a  
6 second terminal of the capacitor operable to be electrically coupled to the cable  
7 shield; and

8 electrically coupling a first terminal of a resistor to the connector shield, a  
9 second terminal of the resistor operable to be electrically coupled to the cable shield.

1 13. The method of claim 12, wherein coupling a conductive connector  
2 shield to the body comprises positioning the connector shield such that the connector  
3 shield does not contact the cable shield.

1 14. A method of constructing a network connection device having a  
2 shielded connector assembly receiving a shielded cable assembly, the connector  
3 assembly shield positioned to prevent contact between the connector assembly  
4 shield and the cable assembly shield, the method comprising:

5 electrically coupling a first terminal of a capacitor to the connector assembly  
6 shield;

7 electrically coupling a second terminal of the capacitor to the cable assembly  
8 shield;

9 electrically coupling a first terminal of a resistor to the connector assembly  
10 shield; and

11 electrically coupling a second terminal of the resistor to the cable assembly  
12 shield.

1 15. A network connection device having a shielded connector assembly  
2 receiving a shielded cable assembly, the connector assembly shield positioned to  
3 prevent contact between the connector assembly shield and the cable assembly  
4 shield, the method comprising:

5 capacitive means for electrically coupling the connector assembly shield and  
6 the cable assembly shield; and

7 resistive means for electrically coupling the connector assembly shield and the  
8 cable assembly shield.